

Figure 1

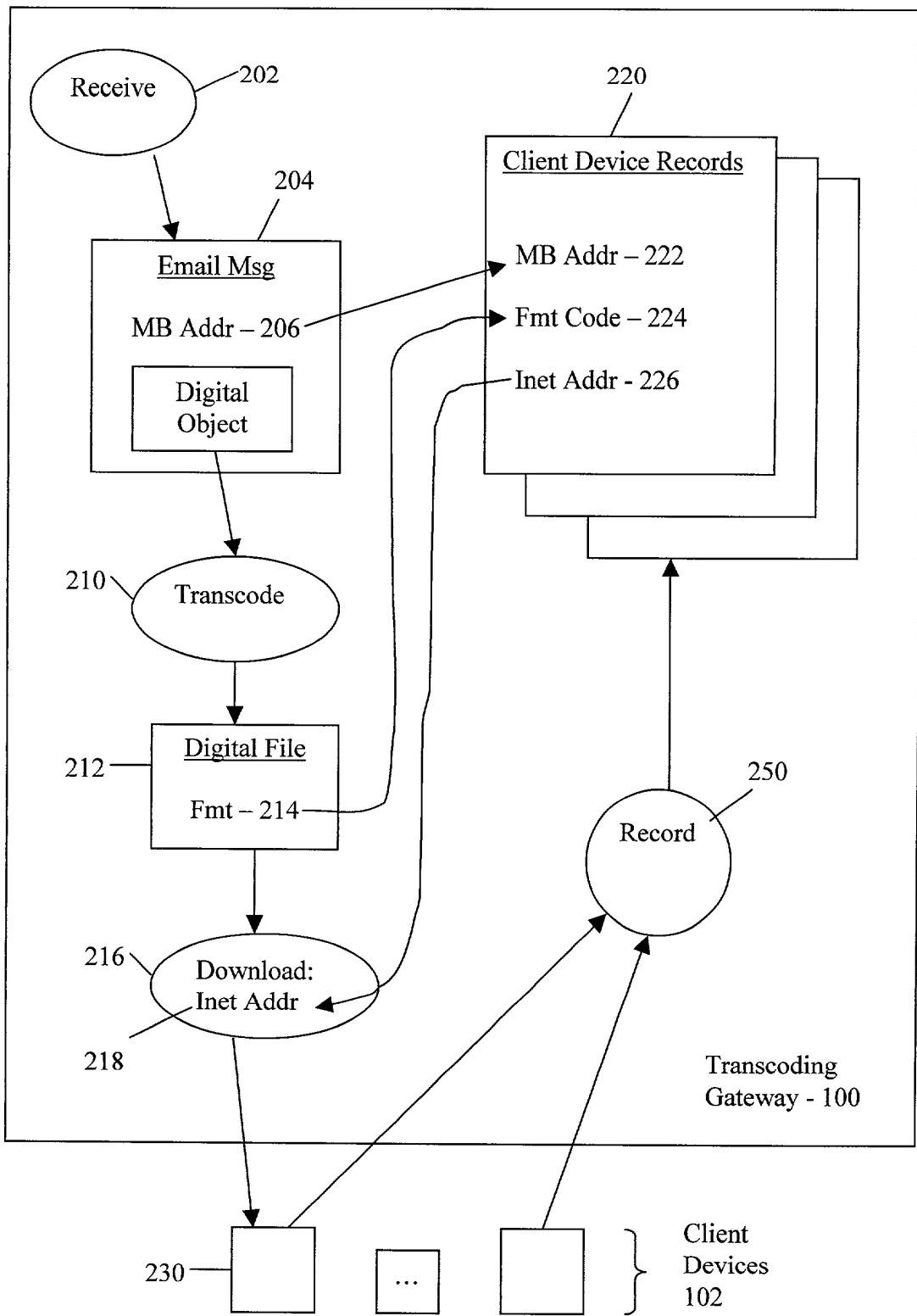


Figure 1a

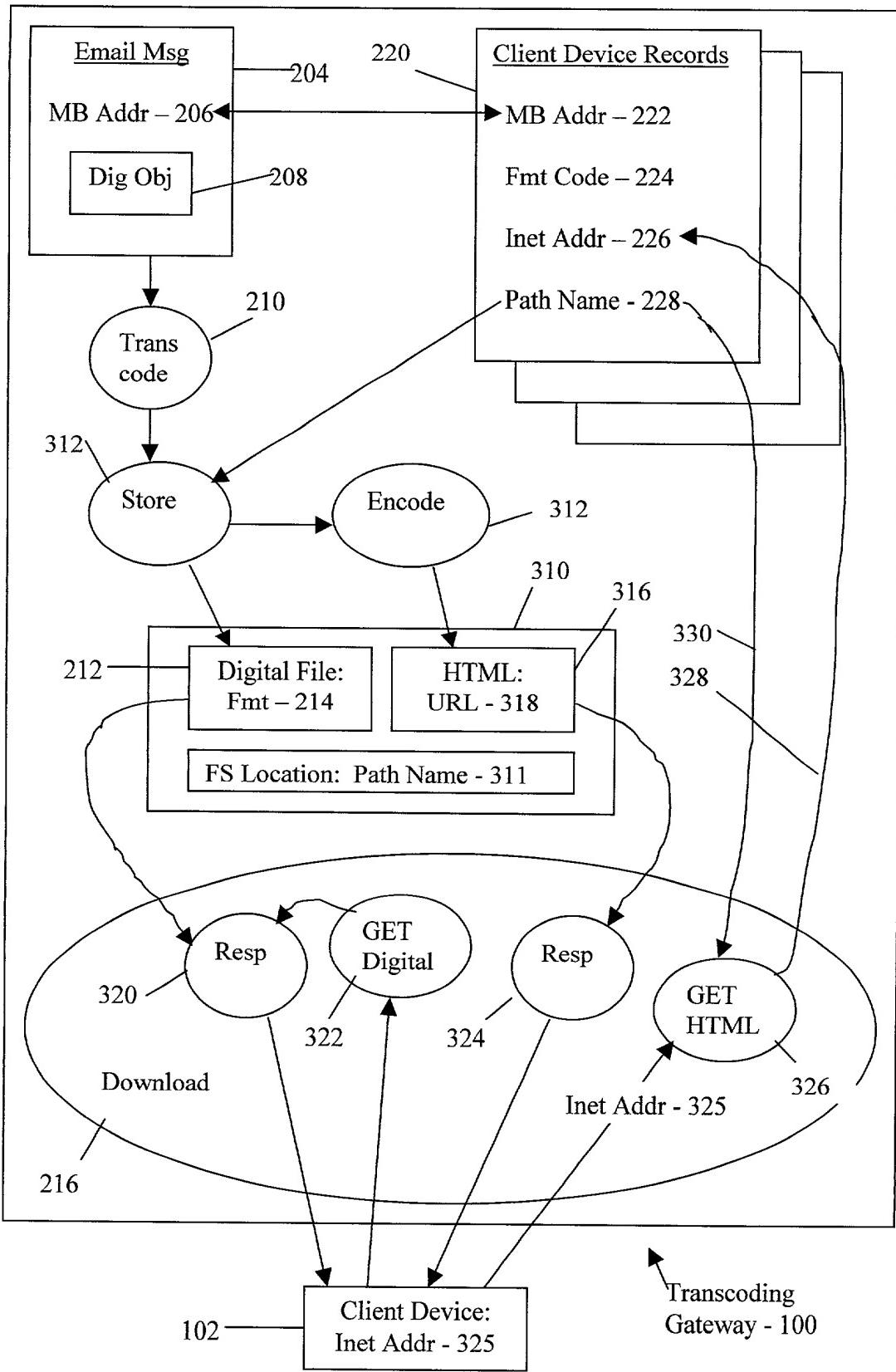


Figure 1b

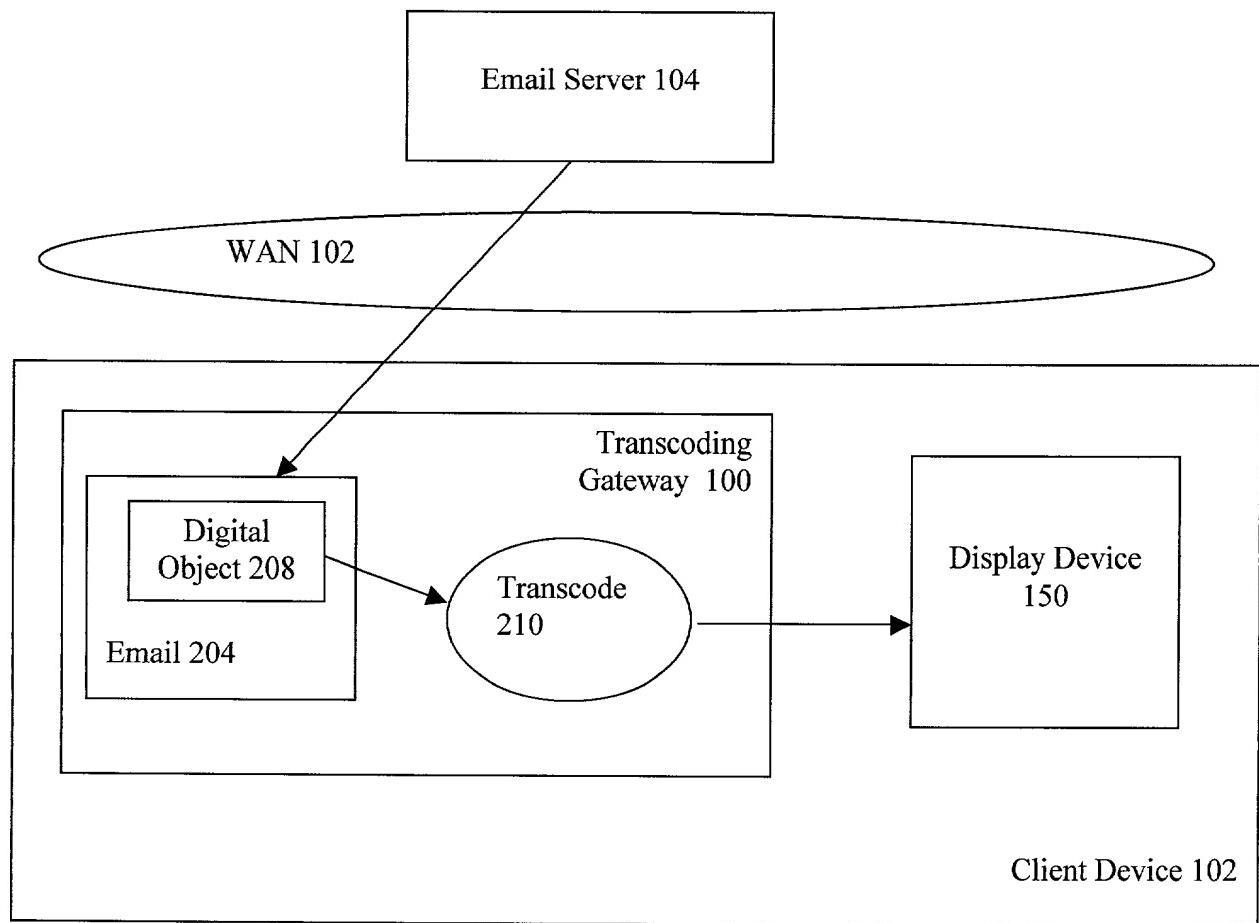


Figure 2

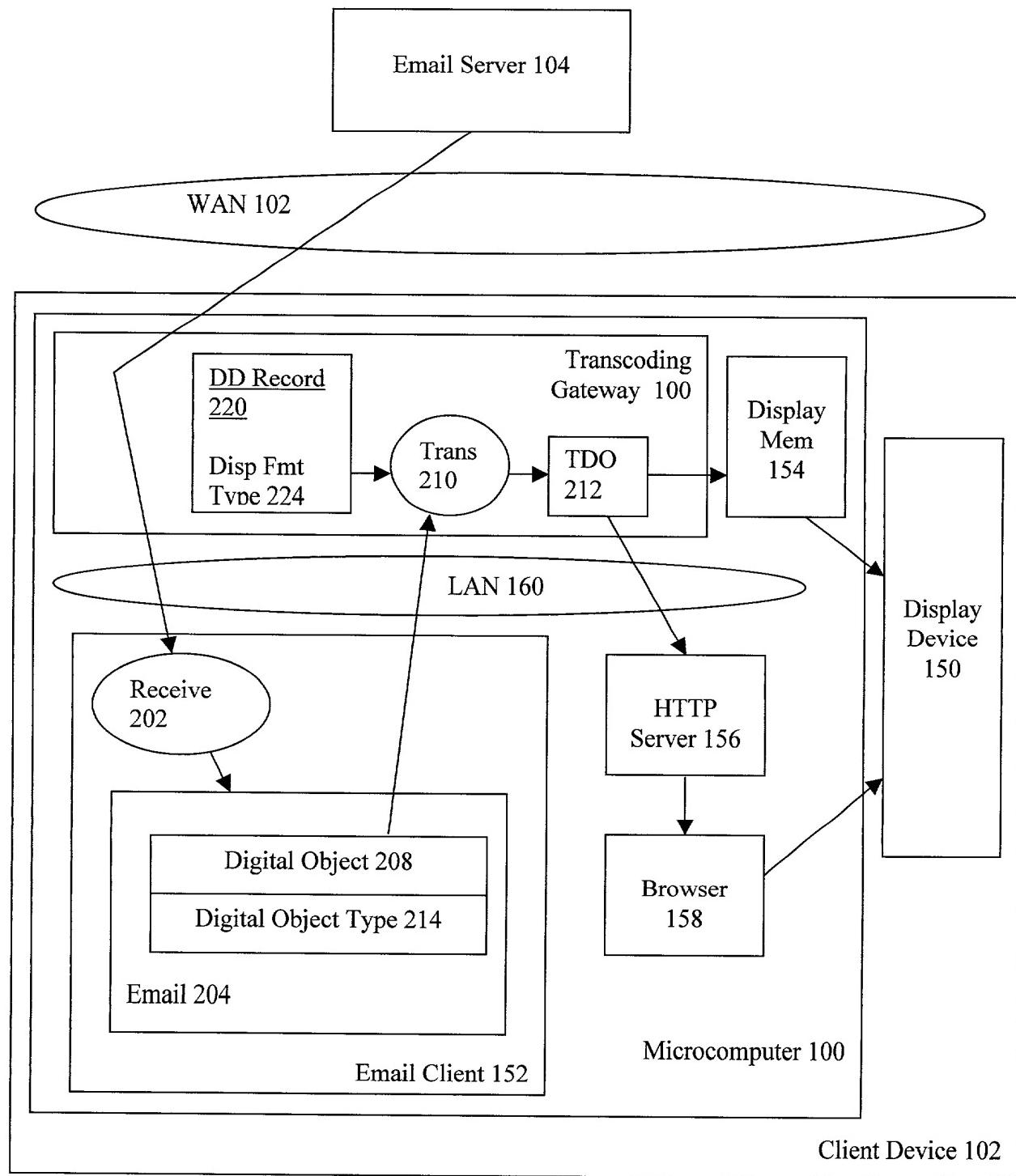


Figure 3

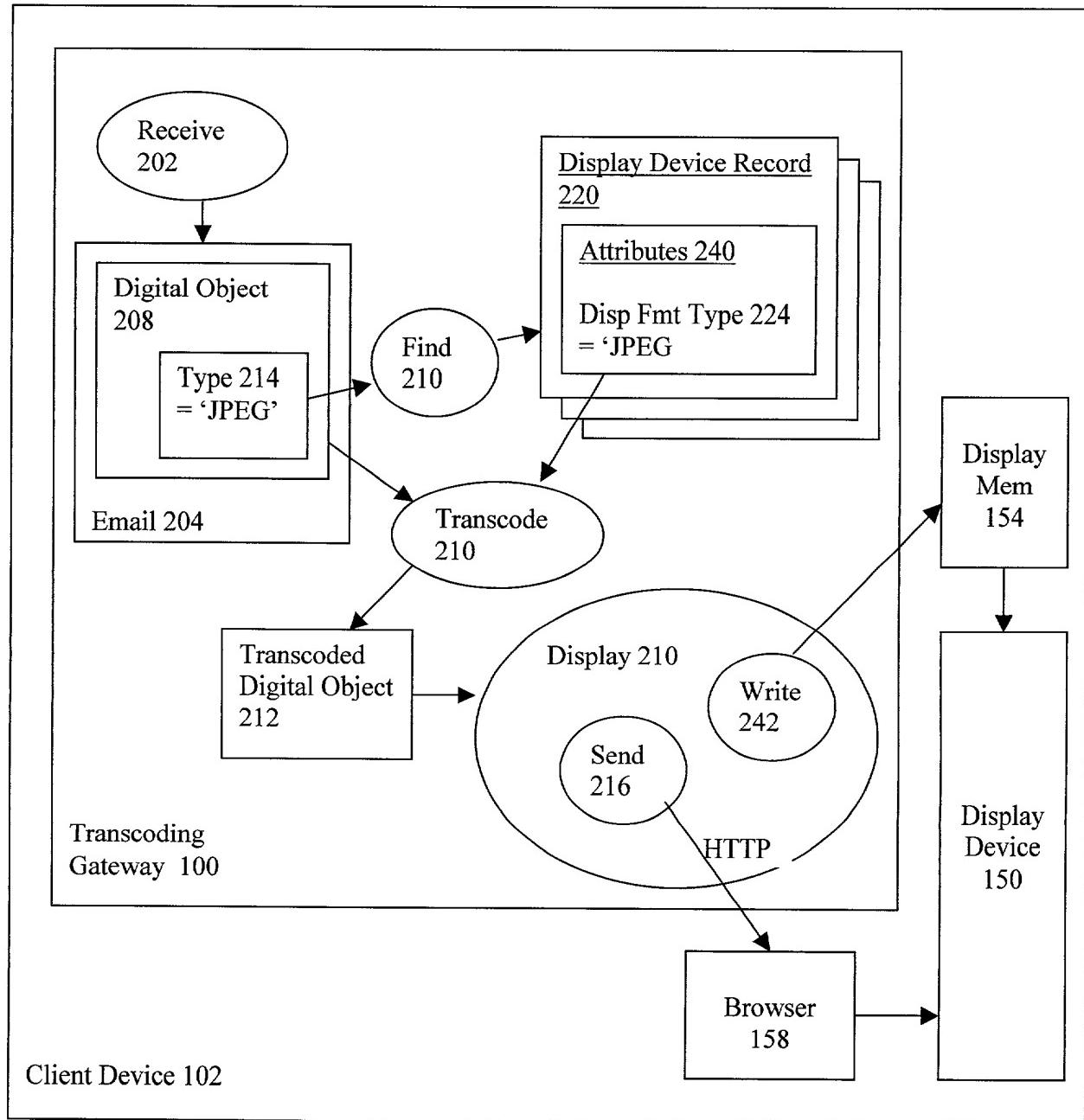


Figure 4

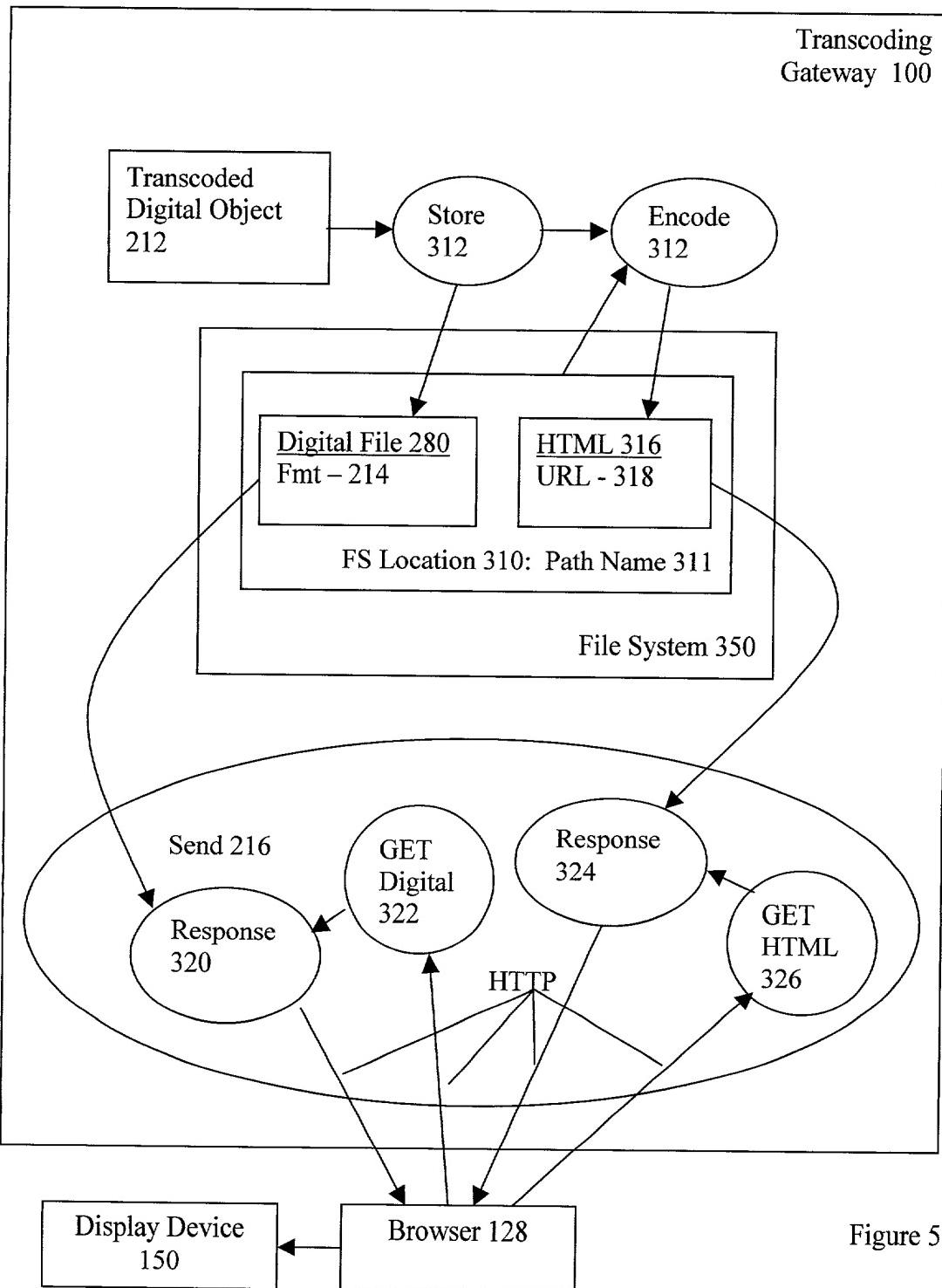


Figure 5

Display Device Record 220

224 Display Format Type = 'JPEG'

502 Display Device Type = 'PDA'

504 Screen Size = '240x360'

506 Color Available = 'No'

Figure 6

Display Device Record 220

224 Display Format Type = 'TTS'

502 Display Device Type = 'TTS Converter'

508 Volume Level = '5'

510 Speed = '100'

512 Pitch = '5'

Figure 7

Display Device Record 220

224 Display Format Type = ‘TextOverlay’

502 Display Device Type = ‘Overlay Driver’

802 Row = ‘5’

804 Column = ‘10’

Figure 8

Display Device Record 220

224 Display Format Type = ‘MPEG’

502 Display Device Type = ‘Video Display’

902 MaxFrameRate = ‘32’

Figure 9

Display Device Record 220

224 Display Format Type = ‘MP3’

502 Display Device Type = ‘Audio Player’

Figure 10

IBM DOCKET # AUS920010851US1

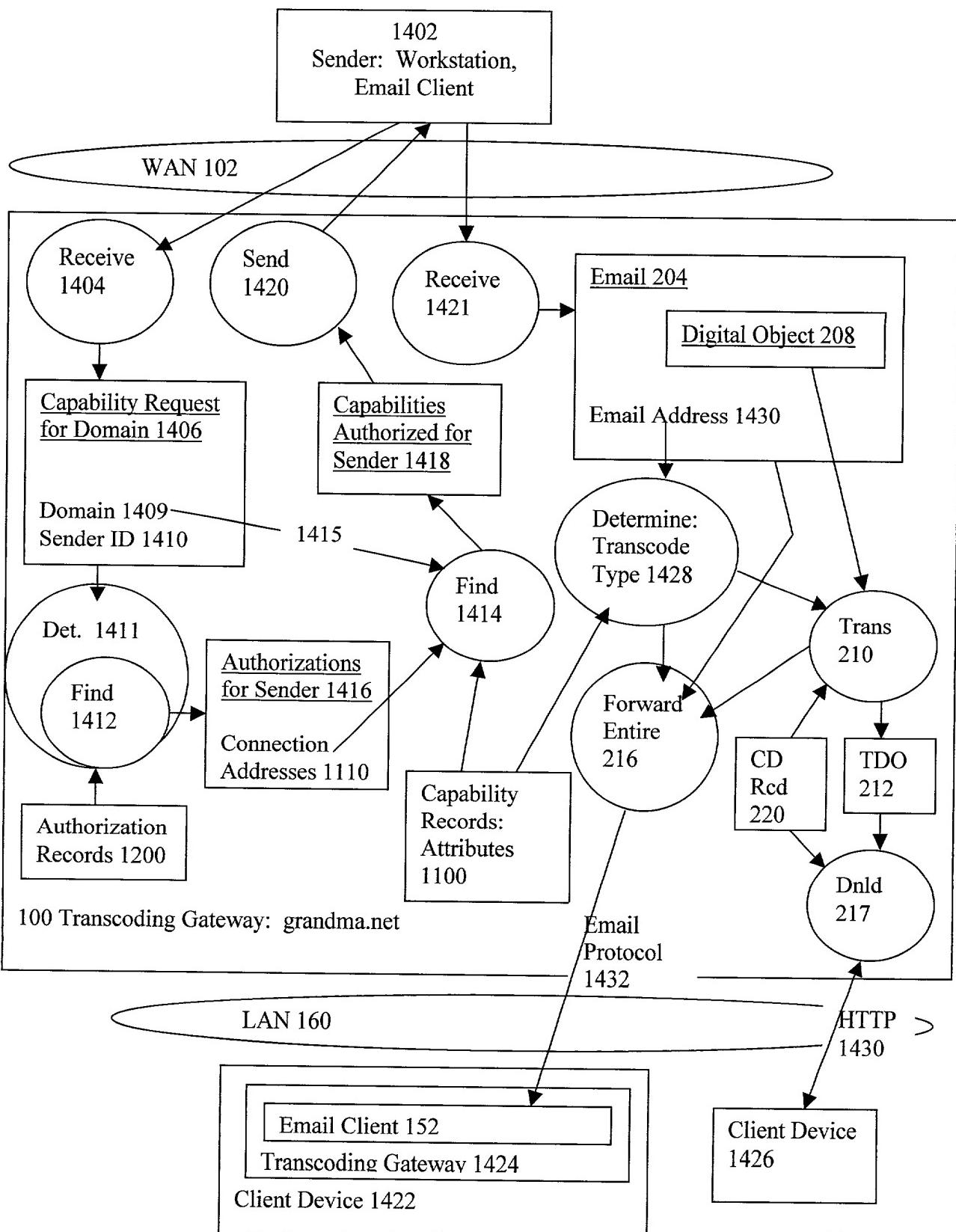


Figure 11

Display Capability Records 1100					
Capability ID 1102	Capability Description 1104	Domain 1106	Connection Type 1108	Connection Address 1110	Transcode Type 1111
1150	Video on Grandma's PC	grandma.net	Email	grandma@grandma.net	Forward
1152	Audio on Grandma's PC	grandma.net	Email	grandma@grandma.net	Forward
1154	Video on Grandma's TV	grandma.net	Email	gm-tv@grandma.net	Forward
1156	Audio on Grandma's TV	grandma.net	Email	gm-tv@grandma.net	Forward
1158	TTS in Grandma's Car	grandma.net	Email	gm-car@grandma.net	Forward
1160	Recipe Database on Grandma's Kitchen Stove	grandma.net	Email	recipes@grandma.net	Forward
1162	Image on Grandma's PDA	grandma.net	Email	gm-PDA@grandma.net	Forward
1164	Image on DAF in Grandma's Living Room	grandma.net	HTTP	gm-daf@grandma.net	Transcode Here & Forward
1166	Text Overlay on DAF in Grandma's Living Room	grandma.net	HTTP	gm-daf@grandma.net	Transcode Here & Forward
1168	Audio on Grandma's Stereo	grandma.net	HTTP	gm-stereo@grandma.net	Transcode Here
1170	Video Somewhere Else	someother.net	Email	x@someother.net	Forward
1172	Audio Player Coupled To This Gateway	someother.net	HTTP	y@someother.net	Transcode Here & Forward
1174	TTS Somewhere Else	someother.net	Email	z@someother.net	Forward

Figure 12

Sender Authorization Records 1200		
Domain: grandma.net		
Authorization Record ID	Connection Address	Authorized Sender
1202	1110	1204
1250	grandma@grandma.net	joe@grandson.net
1252	gm-tv.@grandma.net	joe@grandson.net
1254	gm-daf@grandma.net	joe@grandson.net
1256	gm-car@grandma.net	joe@grandson.net
1258	grandma@grandma.net	mike@soninlaw.net
1260	grandma@grandma.net	pete@favoritenephew.net
1262	gm-tv.@grandma.net	pete@favoritenephew.net
1264	gm-daf@grandma.net	pete@favoritenephew.net
1268	gm-car@grandma.net	pete@favoritenephew.net
1270	gm-PDA@grandma.net	pete@favoritenephew.net
1272	recipes@grandma.net	pete@favoritenephew.net

Figure 13

Authorized Display Capabilities at grandma.net for joe@grandson.net
Video on Grandma's PC (grandma@grandma.net)
Audio on Grandma's PC (grandma@grandma.net)
Video on Grandma's TV (gm-tv.@grandma.net)
Image on DAF in Grandma's Living Room (gm-daf@grandma.net)
TTS in Grandma's Car (gm-car@grandma.net)

Figure 14

Virtual Address Forwarding Records - 1500		
Virtual Address Forwarding Record ID -1502	Virtual Address 1504	Corresponding Conventional Forwarding Address 1506
1550	gm-daf@grandma.net	grandma@grandma.net
1552	gm-stereo@grandma.net	
1554	y@someother.net	z@someother.net

Figure 15

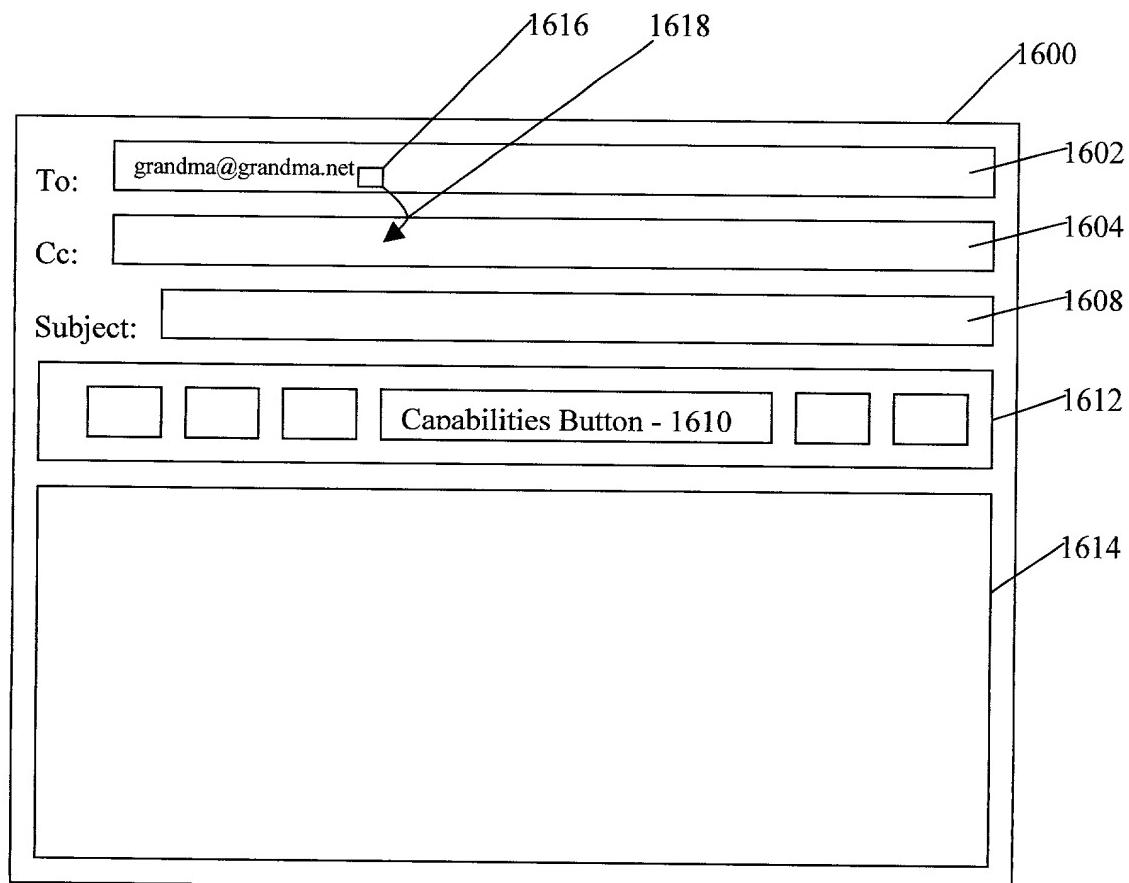


Figure 16